

Walk a Mile

Energy Revealed
Learner Handout
Grade Level: 4-7



What are Carbon Critters Driving?

Top Picks for CARBON CRITTERS with BIG Feet

Make/Model	Type of Vehicle	Consumption of fuel L/100km	Emission of CO2 (kg per yr.)*
Bugatti Chiron	Two-seater	21	9,660
Lamborghini Aventador	Two-seater	21	9,660
Ferrari GTC4Lusso	Minicompact	18	8,280
Ford Shelby GT500 Mustang	Sub-compact	16	7,360
Rolls-Royce Dawn	Compact	16	7,360
Rolls-Royce Wraith	Mid-sized	16	7,360
Buick Regal TourX	Small station wagon	10	4,600
Ram 1500 TRX	Pick-up	19.8	9,108
GMC Sierra	Pick-up	15	6,900
Mercedes-Benz AMG G65	SUV	20	9,200

*We are assuming these cars are driving 20,000 km per year at a rate of 2.3 kg of CO2 per litre of gasoline consumed.

Created by

Top Picks for CARBON CRITTERS with SMALL Feet

Make/Model	Type of Vehicle	Consumption of fuel L/100km	Emission of CO2 (kg per yr.)*
Mazda MX-5	Two-seater	8	3,680
Polestar 1 (PHEV)	Two-seater	5	2,300
BMW i4 (EV)	Sub-compact	2	0
Tesla Model 3 (EV)	Mid-sized	1.8	0
Volvo V90	Station wagon	9.5	4,370
Volkswagen Golf	Compact	8.7	4,002
Mitsubishi Mirage	Sub-compact	6	2,760
Hyundai Elantra	Compact	6	2,760
GMC Sierra 1500 Crew Cab	Pick-up	10	4,600
Toyota Prius	SUV	4.8	2,280

*We are assuming these cars are driving 20,000 km per year at a rate of 2.3 kg of CO2 per litre of gasoline consumed.

*EV Cars don't emit CO2, but according to a study the manufacturing of the battery emits around 17.5 tons of CO2.